

Abstract

Radiation-emitting and/or radiation-receiving semiconductor component and method of making same

A radiation-emitting and/or radiation-receiving semiconductor component comprising a radiation-emitting and/or radiation-receiving semiconductor chip, a molded plastic part which is transparent to an electromagnetic radiation to be emitted and/or received by the semiconductor component and by which the semiconductor chip is at least partially overmolded, and external electrical leads that are electrically connected to electrical contact areas of the semiconductor chip. The molded plastic part is made of a reaction-curing silicone molding compound. A method of making such a semiconductor component is also specified.

Significant figure: 2